

ABSTRACT

A coaxial wire storage wheel device includes a wire storage turning wheel having an uniform diameter, a center hole jointed to a uni-axial portion, and a wheel plane distinguished into left and right wheel planes;
5 a spiral spring having a bottom end thereof connected to the axial portion and an outer end thereof connected to the wheel plane of the wire storage turning wheel; a communication wire fastened at the wheel plane to form upper and lower wires; and a right wall body having an inner wall plane fixed to the axial portion inserted through a left wall body,
10 and a wire storage groove formed at the left and right wheel planes. The wire storage groove is for winding and storing the upper and lower wires, thereby releasing the upper wire at the turning wheel with equal length and distance as those of the lower wire being simultaneously released.